

Title (en)  
ELECTRON-IMPACT TYPE OF ION SOURCE

Publication  
**EP 0156473 B1 19900328 (EN)**

Application  
**EP 85300853 A 19850208**

Priority  
JP 5803084 A 19840326

Abstract (en)  
[origin: US4620102A] A double grid anode is characterized in that said anode is comprised of a first cage-like anode made of a metal grid or wire gauze that permits that passage of electrons and that has an open end, a second anode which also consists of a metal grid or wire gauze located at the open end side of said first anode, a hot-cathode filament arranged around the outer periphery of said first anode, and an ion-extraction electrode which faces said anode.

IPC 1-7  
**H01J 27/08**

IPC 8 full level  
**G01N 27/62** (2006.01); **H01J 27/08** (2006.01); **H01J 27/20** (2006.01); **H01J 37/08** (2006.01); **H01J 49/10** (2006.01); **H01J 49/14** (2006.01)

CPC (source: EP US)  
**H01J 27/205** (2013.01 - EP US); **H01J 49/147** (2013.01 - EP US)

Cited by  
GB2189645A; GB2189645B; EP0624898A3; USRE35701E; CN1037133C

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**US 4620102 A 19861028**; DE 3576880 D1 19900503; EP 0156473 A2 19851002; EP 0156473 A3 19870429; EP 0156473 B1 19900328; JP H0234410 B2 19900803; JP S60202649 A 19851014

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